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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number	10/510,628	
				Filing Date	May 9, 2005	
				First Named Inventor	Peter HEGEMANN	
				Group Art Unit	1645	
				Examiner Name	Unassigned	
Attorney Docket Number	231181					
Client Reference No.	58.512					
Sheet	1	of	1			

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation	
			Yes	No**
/S.M./	A G	MURADIN-SZWEYKOWSKA et al., Eur. J. Biochem, 140(1): 176-176 (Apr. 2, 1984)		
↓	A H	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION, "Chlamydomonas reinhardtii acop1 mRNA for archaeal-type opsin 1, complete cds.," Accession No. AB058890 (March 26, 2002) (Accessed on the internet, January 8, 2003).		
	A I	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION, BLAST sequence comparison of Accession No. AB058890.1 with SEQ ID NO:1 (Accessed on the internet, January 8, 2003).		
	A J	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION, "Chlamydomonas reinhardtii acop2 mRNA for archaeal-type opsin 2, complete cds.," Accession No. AB058891 (March 26, 2002) (Accessed on the internet, January 8, 2003).		
↓	A K	NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION, BLAST sequence comparison of Accession No. AB058891.1 with SEQ ID NO: 2 (Accessed on the internet, January 8, 2003).		

Examiner Signature	/Stacey Macfarlane/	Date Considered	12/12/2007
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\* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).  
 + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).


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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/510,628
				Filing Date	October 8, 2004
				First Named Inventor	Hegemann et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	231181

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
/S.M./	AA	JP	06-295350		Sanyo Electric Co. Ltd.	Oct. 21, 1994		X*

OTHER - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Translation			
			Yes	No**		
/S.M./	AB	BIESZKE et al., <i>Proc. Natl. Acad. Sci.</i> , 96, 8034-8039 (1999)				
	AC	HEGEMANN et al., <i>Journal of Phycology</i> , 37, 668-676 (2001)				
	AD	NAGEL et al., <i>Science</i> , 296, 2395-2398 (2002)				
	AE	PEROZO et al., <i>Biochemistry</i> , 32, 10471-10478 (1993)				
	AF	SINESHCHEKOV et al., <i>Proc. Natl. Acad. Sci.</i> , 99 (13), 8689-8694 (2002)				

Examiner Signature	/Stacey Macfarlane/	Date Considered	12/18/2007
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